



PATENT
Attorney Docket No.: NEI-00106

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: 1764
Gary R. McLuen, <i>et al.</i>)	Examiner:
Serial No.: 09/901,949)	
Filed: July 9, 2001)	TRANSMITTAL LETTER
For: MULTI-WELL ROTARY SYNTHESIZER)	260 Sheridan Avenue, Suite 420 Palo Alto, CA 94306 (650) 833-0160

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including a copy of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: Oct. 2, 2001

By: Jonathan O. Owens
Jonathan O. Owens
Reg. No.: 37,902

Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231

HAVERSTOCK & OWENS LLP.

Date: 10/2/01 By: Jonathan O. Owens

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In re Application of:

Gary R. McLuen, *et al.*

Serial No.: 09/901,949

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For: **MULTI-WELL ROTARY
SYNTHESIZER**

) Group Art Unit: 1764

) Examiner:

) **INFORMATION DISCLOSURE
STATEMENT**

) 260 Sheridan Avenue, Suite 420
) Palo Alto, California 94306
) (650) 833-0160

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The citation listed below, copy attached, may be material to the examination of the above-identified application, and is therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

Applicants have become aware of the following printed publication which may be material to the examination of this application:

- U.S. Patent 3,583,230;
- U.S. Patent 3,917,455;
- U.S. Patent 4,415,732;
- U.S. Patent 4,458,066;
- U.S. Patent 4,816,513;
- U.S. Patent 4,837,159;
- U.S. Patent 5,047,524;
- U.S. Patent 5,053,454;
- U.S. Patent 5,093,268;
- U.S. Patent 5,096,807;
- U.S. Patent 5,112,736;
- U.S. Patent 5,132,418;
- U.S. Patent 5,239,484;

- 1 -

CERTIFICATE OF MAILING (37 C.F.R. § 201.3(a))

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Date: 10/2/01 By: John D. Reardon

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NEI-00106

- U.S. Patent 5,262,530;
- U.S. Patent 5,297,288;
- U.S. Patent 5,324,483;
- U.S. Patent 5,356,776;
- U.S. Patent 5,380,495;
- U.S. Patent 5,395,594;
- U.S. Patent 5,427,930;
- U.S. Patent 5,437,979;
- U.S. Patent 5,453,247;
- U.S. Patent 5,468,606;
- U.S. Patent 5,472,672;
- U.S. Patent 5,503,805;
- U.S. Patent 5,510,270;
- U.S. Patent 5,522,272;
- U.S. Patent 5,529,756;
- U.S. Patent 5,541,113;
- U.S. Patent 5,545,531;
- U.S. Patent 5,547,839;
- U.S. Patent 5,563,033;
- U.S. Patent 5,571,639;
- U.S. Patent 5,593,839;
- U.S. Patent 5,597,694;
- U.S. Patent 5,605,662;
- U.S. Patent 5,632,957;
- U.S. Patent 5,633,365;
- U.S. Patent 5,639,428;
- U.S. Patent 5,645,114;
- U.S. Patent 5,645,801;
- U.S. Patent 5,653,939;
- U.S. Patent 5,690,894;
- U.S. Patent 5,707,797;
- U.S. Patent 5,720,923;
- U.S. Patent 5,720,928;

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- U.S. Patent 5,736,333;
- U.S. Patent 5,744,305;
- U.S. Patent 5,762,881;
- PCT Publication No. WO 91/13084;
- PCT Publication No. WO 98/10857;
- PCT Publication No. WO 98/36829;
- PCT Publication No. WO 98/39099;
- PCT Publication No. WO 98/57181;
- German Publication No. DE 196 42 777 A1;
- German Publication No. DE 297 19 919 U1;
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- Great Britain PCT Publication GB 2 146 030 A;
- L.E. Sindelar and J.M. Jaklevic, "High-Throughput DNA Synthesis in a Multichannel Format," Nucleic Acids Research, 1995, vol. 23, no. 6, pages 982-987, Oxford University Press;
- Robert L. Letsinger and V. Mahadevan, "Stepwise Synthesis of Oligodeoxyribonucleotides on an Insoluble Polymer Support," J Am Chem Soc, Vol. 88:22, pages 5319-5324, November 20, 1966;
- VICI "Injectors and Switching Valves" Valco Instruments Co, Inc. Valco International, December 12, 1999, p. 1-2; and
- Valve Handbook by Philip L. Skousen, McGraw-Hill, 1997, pages 58-60.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: Oct. 2, 2001

By: Jonathan O. Owens
Jonathan O. Owens
Reg. No.: 37,902
Attorneys for Applicants

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U.S. Department of Commerce
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Attorney Docket No.: NEI-00106

Serial No.: 09/901,949

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Gary R. McLuen, et al.

Filing Date: July 9, 2001

Group Art Unit: 1764

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

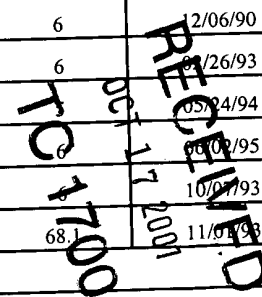
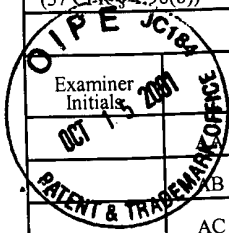
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	3,917,455	11/4/75	Bak et al.	23	253 R	05/10/74
	4,415,732	11/15/83	Caruthers et al.	536	27	03/27/81
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	5,605,662	02/25/97	Heller et al.	422	68.1	11/01/93

Examiner:

Date Considered:

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Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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(Modified)U.S. Department of Commerce
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BJ	5,632,957	05/27/97	Heller et al.	422	68.1	09/09/94
BK	5,633,365	05/27/97	Stokke et al.	536	24.31	04/28/95
BL	5,639,428	06/17/97	Cottingham	422	112	07/19/94
BM	5,645,114	07/08/97	Bogen et al.	141	145	05/31/94
BN	5,645,801	07/08/97	Bouma et al.	422	68.1	08/18/95
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BU	5,736,333	04/07/98	Livak et al.	435	6	06/04/95
BV	5,744,305	04/28/98	Fodor et al.	435	6	06/06/95
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							Yes	No
	BX	WO 91/13084	09/05/91	PCT	C07K	1/04		X
	BY	WO 98/10857	03/19/98	PCT	B01J	19/00		X
	BZ	WO 98/36829	08/27/98	PCT	B01J	19/00		X
	CA	WO 98/39099	09/11/98	PCT	B01J	3/00		X
	CB	WO 98/57181	12/17/98	PCT	G01N	35/10		X
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	CD	DE 297 19 919 U1	05/12/99	DE	B01J	19/00		X
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	CF	GB 2 146 030 A	04/11/85	GB	C07H	1/00		X

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

CG	L.E. Sindelar and J.M. Jaklevic, "High-Throughput DNA Synthesis in a Multichannel Format," Nucleic Acids Research, 1995, vol. 23, no. 6, pages 982-987, Oxford University Press.
CH	Robert L. Letsinger and V. Mahadevan, "Stepwise Synthesis of Oligodeoxyribonucleotides on an Insoluble Polymer Support," J Am Chem Soc, Vol. 88:22, pages 5319-5324, November 20, 1966
CI	VICI "Injectors and Switching Valves" Valco Instruments Co, Inc. Valco International, December 12, 1999, p. 1-2
CJ	Valve Handbook by Philip L. Skousen, McGraw-Hill, 1997, pages 58-60

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